

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES BRANCH

*Carmel Ind*

P 333


*Chd in field loc. approx d.K.*  
*Carmel 15' ground*  
*15' 3.05, 4.2E*

RECORD OF WELL

1. Location: State N.Y. State County Cattaraugus  
Nearest P. O. Carmel Direction from P. O. North  
Distance from P. O. 2 miles;  $\frac{1}{4}$  sec. \_\_\_\_\_, T. \_\_\_\_\_, R. \_\_\_\_\_  
If in city, give street and number Town of Kent

Locate well on plat of section.

2. Owner: Mr. Michael Russo Address 113 Washington Ave., New Rochelle, N.Y.  
Driller: Louis Molanchuk & Son Address \_\_\_\_\_

3. Situation: Is well on upland, in valley, or on hillside? hillside

4. Elevation of top of well: 660 ft. \_\_\_\_\_ the level of \_\_\_\_\_

5. Type of well: drilled (Above or below) \_\_\_\_\_; kind of drilling rig used standard (Sea, depot, lake, or stream)

6. Depth of well: 212 ft.; year in which well was finished 1935 (Dug, driven, bored, or drilled) (Solid tool, jetting, rotary, etc.)

Does well enter rock? yes; if so, at what depth? 17 ft.; kind of rock white, hard, granite

7. Diameter: At top 6" inches; at bottom 6" inches.

8. Principal water bed: Rock

Depth to principal water bed 80 ft.; thickness of bed \_\_\_\_\_ ft. (Gravel, sand, clay, or rock. If rock, state kind)

If other water supplies were found, give depth to each \_\_\_\_\_

9. Casings: Kind Steel; size 6"; length 17 ft.; between depths of 0 and 17 ft.

Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Kind \_\_\_\_\_; size \_\_\_\_\_; length \_\_\_\_\_ ft.; between depths of \_\_\_\_\_ and \_\_\_\_\_ ft.

Packers (if any): Depth at which packers were used none; kind \_\_\_\_\_

Screen or Strainer: Was well finished with screen? no; kind of screen \_\_\_\_\_

length of screen \_\_\_\_\_ ft.; diameter \_\_\_\_\_ inches; size of openings \_\_\_\_\_

10. Head: Does well at present overflow without pumping? no; did it overflow when new? no

if flowing, give pressure \_\_\_\_\_ lb. per sq. inch; or height water will rise in a pipe \_\_\_\_\_ ft. above surface;

original pressure or head \_\_\_\_\_; if not flowing, give water level in well 21 ft. below surface.

11. Pump: Is the well pumped? yes; kind of pump elec pump. D.Well

size or capacity of pump \_\_\_\_\_; kind of power electric

12. Yield: Natural flow at present (if any) \_\_\_\_\_ gallons per minute; original flow \_\_\_\_\_ gallons per minute;

well has been pumped at 1/2 gallons per minute continuously for barrel out hours;

quantity of water ordinarily obtained from well \_\_\_\_\_ gallons per day.

13. Use: For what purpose is the water used? Lodging house. 17 people + (formerly)

14. Quality of the water: no odor, taste, a corrosion.; is there an analysis? \_\_\_\_\_

(Hard or soft, fresh or salty, etc.)

5. Cost of well, not including pump: \_\_\_\_\_ Temperature of water \_\_\_\_\_ ° F.

Name of person filling blank Ill. for NYS DPH at Poughkeepsie

Date \_\_\_\_\_ Address 113 Washington Ave. New Rochelle, N.Y.

On the back of this sheet give the record of the beds through which the well passes and any other facts not given above.



# LOG OF WELL

KIND OF ROCK OR OTHER MATERIAL (Give color and tell whether hard or soft)	DEPTH, IN FEET		THICKNESS, IN FEET	REMARKS (Especially information as to water found)
	From—	To—		
Loam Rock	0	17	17	
	17	212	195	
Partial Analysis - kitchen tap				
8-15-41	chlor	amt.		
	8.0	0.08		
9-22-42	5.0	0.24		
Electric pump to pressure tank. Astern cross-connected with well water.				
<u>2 1/2 mile north of Carmel Route 52</u>				